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DIRECTOR OF CENTRAL INTELLIGENCE
SECURITY COMMITTEE
COMPUTER SECURITY SUBCOMMITTEE

December 10, 1984
DCISEC-CSS-M168

1.   (C)   The one hundred and sixty-eighth meeting of the
Computer Security Subcommittee was held on 20 November 1984.
Attending were:

25X1   ⬚Chairman
25X1   ⬚Executive Secretary
       Mr. Carl Martz, Navy
       Mr. Norm Clark, Navy
       Mr. David Jones, Dept of Energy
       Mr. Lynn Culkowski, USAF
       Ms. Martha Tofferi, USAF
25X1   ⬚ CIA (C)
       Mr. J.D. Schenken, US Secret Service
       Major Jack Freeman, Army
       Ms. Karen Deneroff, Depart of State
25X1   ⬚ NSA
25X1   ⬚ SECOM
       Mr. Gene Epperly, OSD
       Mr. Dennis Steinauer, NBS

2.   (U)   The Chairman opened the meeting by introducing the
new member from the Army (ACSI), Major Jack Freeman.

3.   (U)   The State member introduced Mr. Dennis Steinauer,
from the National Bureau of Standards, who, for the last several
years, has been studying the security problems peculiar to
microcomputers and personal computers (PC's). Mr. Steinauer
stated that NBS has been working toward standards in the areas of
PC's and communications. Their work with PC's has concentrated
on those aspects which are unique to small systems. In
particular,

       - physical accessibility

       - architecture (which is not generally conducive to
internal security mechanisms.)

He noted that, since the problems of "read-time" sharing are well
understood, his studies have concentrated on PC's as stand-alone
devices. Mr. Steinauer also discussed the growing availability
of products (many based upon encryption) which are designed to
enhance the security of small systems. He noted that most fall
into the category of identification/authentication devices, and
felt that some are showing growing sophistication in terms of the
understanding of the identification/authentication and auditing
issues. He also discussed encryption devices which are intended
to protect files on hard disks.

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After discussing some of the types of available devices in detail, he stated that NBS was planning to publish a list of products which enhance the security of small systems. He stated that, in the absence of well-defined criteria, the publication would not constitute an "evaluation", but that the products would be tested against their claims, and comments/observations be made available to the vendors. He also noted during the discussions, that NBS's "constituency" tended to be the civil sector and (informally) the private sector, whose security concerns are somewhat different from those of DoD and the Intel Community, and who generally demand lower levels of assurance.

4. (U) Mr. Martz provided an update on the hostile intelligence study. He reviewed the history of the effort, starting from the original seed money provided by the CSS. He currently has several parallel activities ongoing, and he presented the Subcommittee with copies of the first report from his efforts. He noted that the report discusses the myriad obstacles which need to be overcome in order to have collection requirements actually satisfied; apparently it is not sufficient to merely have a formal collection requirement accepted, still other "homework" must be done. He asked for support from the DoD Computer Security Center in some specific technical areas in order that he be better able to understand the material he is obtaining, and thus lessen the chance that he will miss something significant. Mr. Martz stated that he is still in a "tin-cup mode", and does not have firm funding. After some discussion of funds that might be available from the SECOM, the Chairman asked the SECOM representative to provide a profile of SECOM funding.

5. (U) The Chairman next introduced the subject of the DCID 1/16 rewrite. The Executive Secretary reviewed the basic agreements previously reached, as reflected in M146 of 20 April 1982. The Subcommittee discussed the approach of the most recent draft, and its continued acceptability was questioned, especially in light of the publication of the Trusted Computer Systems Evaluation Criteria, NSDD-145, and the draft Environments Criteria. Thus, the discussion revolved around the need for consistency with other existing documents. The consensus was that such would be both useful and desirable. Thus, it was agreed that the Subcommittee would review the latest draft in order to determine whether or not to alter the approach taken in the regulatory section.

6. (U) There was a discussion on the activities under the _____ contract. It was reported that _____ is preparing the final report of the Technology Working Group, which has finished its work and is disbanding. It was also reported that the Safeguards effort is still underway. It was not clear what the outcome or the output would be.

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7. (U) The Air Force member reported that OSD, OMB, and the IC Staff cut off funds for an Air Force-approved computer security initiative. All the funds were deferred to the FY89-90 time frame.

8. (U) The next meeting will be on Wednesday,

25X1   19 December 1984 at 0930 at ⎥_____⎥ McLean, VA.

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Executive Secretary

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